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An Algorithm for Reverse Traffic Channel **Rate** Control for CDMA2000 High Rate Packet Data Systems - group of 4 »

S Chakravarty, R Pankaj, E Esteves - GLOBECOM-NEW YORK-, 2001 - [ieeexplore.ieee.org](#)

... Partnership Project 2 (3GPP2) "cdma2000 **High Rate Packet Data Air Interface** Specification", Technical ... N. Sindhusayana, AJ Viterbi, "CDMA/HDR: a Bandwidth ...

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[PS] Scheduling algorithms for a mixture of real-time and non-real-time data in HDR

S Shakkottai, AL Stolyar - Proceedings of International Teletraffic Congress (ITC), 2001 - [ece.utexas.edu](#)

... data access over CDMA is **High Data Rate (HDR)**, see [2 ... QoS) for all users, namely, with **packet** delays not exceeding given thresholds with **high** probability. ...

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The High Data Rate Evolution of the cdma2000 Cellular System

E Esteves - MULTIACCESS MOBILITY AND TELETRAFFIC IN WIRELESS ..., 2000 - [qualcomm.com](#)

... for **high-speed data** in a spectral-efficient **air interface**, the CDMA ... This **high data rate (HDR) packet data** evolution, known as 1xEV Phase I, is scheduled for ...

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RESOURCE MANAGEMENT AND QUALITY OF SERVICE IN THIRD-GENERATION WIRELESS NETWORKS - group of 5 »

S Dixit, Y Guo, Z Antoniou... - IEEE COMMUNICATIONS MAGAZINE, 2001 - [ieeexplore.ieee.org](#)

... For example, **High Speed Circuit Switched Data (HSCSD)** ... to non-real-time applications such as **packet data**. ... effort manner through a transmission-rate request access ...

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Capacity Simulation of cdma2000 1xEV Wireless Internet Access System

PJ Black, MI Gurelli - Proceedings of MWCN, 2001 - [qualcomm.com](#)

... Index terms— **High data rate** cellular systems, Wireless Internet Access ... I. INTRODUCTION The 3G **data** services for ... cannot apply to **packet data** services without ...

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Fourth Generation: Now, it is Personal - group of 2 »

JM Pereira... - IEEE International Symposium on Personal, Indoor and Mobile ..., 2000 - [ieeexplore.ieee.org](#)

... work with, in order of appearance, CDPD (Cellular Digital **Packet Data**), IS-95's **HDR (High Data Rate)**, GSM's HSCSD (**High Speed Circuit Switched Data**) and ...

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Capacity model for the CDMA/HDR high-speed wireless data service - group of 2 »

PA Hosein - Proceedings of the 4th ACM international workshop on ..., 2001 - [portal.acm.org](#)

... non-mobile case while the case of $m = 1$ corresponds to the **high** mobility case ... by users of the **HDR** system (such as delay, throughput and **packet loss rate**). ...

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A new paradigm for IP-based cellular networks - group of 6 »

MS Corson, R Laroia, AO'Neill, V Park, G Tsirtsis - IT Professional, 2001 - [mmlab.snu.ac.kr](#)

... sistent low-bit-rate form of interactive **data**. **Packet** voice sent over a flash-OFDM network is of ... **data**, meaning that it delivers voice with **high** reliability and ...

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Downlink capacity of CDMA/HDR - group of 3 »

W Chung, HW Lee, J Moon - IEEE VEHICULAR TECHNOLOGY CONFERENCE, 2001 - [ieeexplore.ieee.org](#)

... Another reason of the **high data rate** is that maximum power is ... to or higher than the chip **rate** (1.2288Mcps ... users are receiving **data** where the **packet** of the ...

[Cited by 5 - Web Search](#) - [BL Direct](#)

CDMA/HDR: A Bandwidth-Efficient High-Speed Wireless Data Service for Nomadic Users - group of 8 »

NUD Demand - IEEE Communications Magazine, 2000 - [ieeexplore.ieee.org](#)

... no compro- mises in optimizing the **air interface** for **data** ... carry voice and a separate **high-data-rate (HDR)** RF carrier to deliver **high-rate packet** bursts ...

[Cited by 2 - Web Search](#)

Network-assisted resource management for wireless data networks - group of 2 »

X Qiu, K Chawla, JCI Chuang, N Sollenberger - IEEE Journal on Selected Areas in Communications, 2001 - [ieeexplore.ieee.org](#)

... Another is the dynamic **packet** assignment (DPA ... for GSM evolution (EDGE) [20], **high data rate (HDR)** code division ... resource management in wireless **data** net- works ...

[Cited by 7 - Web Search](#) - [BL Direct](#)

An Efficient Reverse Link Data Rate Control Scheme for 1xEV-DV System - group of 3 »

Y Chung, C Koo, B Bae, H Lee, DH Cho - IEEE VEHICULAR TECHNOLOGY CONFERENCE, 2001 - [ieeexplore.ieee.org](#)

... 3GPP2 C.SO024, "cdma2000 High Rate Packet Data Air Interface Specification," Version ...

3GPP2 S.RO026, "High-speed Data ... cdma2000 lx-Integrated Data and Voice ...

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3G and beyond—The future of wireless technologies

B Nair - RF Design, 2001 - [images.rfdesign.com](#)

... are pro- posed for each major **air interface** to complicate ... Mobile access speeds

Qualcomm's **High Data Rate (HDR)** is a CDMA-based **packet** communica- tion ...

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Mixed voice and data capacity estimation for 3G wireless network

YS Rao, MN Roy - 2000 - [tenet.res.in](#)

... Various **packet data** traffic models have been studied based ... The number of **data** bursts typically correspond to ... burst, average burst arrival **rate**, average number ...

[Cited by 1 - View as HTML](#) - [Web Search](#)

High-Speed Downlink Access in 3G Systems: A Portent for the Evolution of 4G Systems? - group of 4 »

FJ Mullany - Wireless Personal Communications, 2001 - Springer

... cdma2000, the **air interface** in the 3GPP2 4 project ... by several other companies, **HDR (High Data Rate)** is an ... the design orientated towards **packet**-type services and ...

[Web Search](#) - [BL Direct](#)

Bridging Wireless Protocols - group of 4 »

WB Wireless - IEEE Communications Magazine, 2001 - [ieeexplore.ieee.org](#)

... to increasingly avail- able **high-data-rate** cellular networks ... eventual ubiquity of

high- speed cellular ... **Packet data** transmission comprises multiple CDMA connec ...

[Web Search](#)

Making Sense of the Mobile Internet - group of 2 »

J Henderson, N Kulatilaka - 2001 - [people.bu.edu](#)

... **air interface** over the existing circuit switched GSM network ... accomplished by building a **packet data** overlay on ... can build an **high data rate (HDR)** overlay on the ...

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Uplink Capacity Studies for Adaptive Antenna Arrays in Third Generation CDMA Wireless Systems - group of 2 »

AG Kogiantis - IEEE Comm. and Network. Conference, 1999 - [viola.usc.edu](#)

... are currently being developed so as to accommodate all modes of multi-**rate** trac from circuit-switched voice to **high-speed packet**-switched **data** ...

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BMW overall architecture and prototyping - group of 3 »

RG Cheng, CS Wu, MH Lin, MC Liu, JH Lin, HR Lan, ... - IEEE Vehicular Technology Conference, 1999 - [ieeexplore.ieee.org](#)

... difficult to provide constant bit **rate** (CBR) services ... scheme for supporting future

high-speed, multimedia ... The Packet Common Control Channel (PCCCH) comprises ...
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Mobile IP 2 - group of 2 »

DJY Lee, WCY Lee - Communications, Computers and signal Processing, 2001. ..., 2001 - [ieeexplore.ieee.org](#)
... traffic is growing in an exponential **rate** and more and ... cellular/PCS network is appropriate for **high-speed** mobile ... the network cost since the **packet** goes through ...
[Web Search](#)

An Overview of the Bluetooth Wireless Tthnology

INH NETWORKING - IEEE Communications Magazine, 2001 - [ieeexplore.ieee.org](#)
... 15.3 task group is developing standards for **high-rate** radios (>20 Mb ... piconet, as well as the low-level **packet** types ... the radio hops at the nominal **rate** of 1,600 ...
[Web Search](#)

Adaptation techniques for ubiquitous Internet multimedia - group of 7 »

M Margaritidis, GC Polyzos - Wireless Communications and Mobile Computing, 2001 - [doi.wiley.com](#)
... General **Packet** Radio Service (GPRS) [23], **High Data Rate** (HDR) [24] and other solutions currently under deployment are expected to overcome these impairments ...
[Cited by 11](#) - [Web Search](#)

A Parallel Architecture for Network Control and Mobility Tracking in Wireless Systems - group of 3 »

A Asthana, P Krzyzanowski - Wireless Personal Communications, 1997 - Springer
... The link interface handles the **packet** based media access protocol on the micronet. ... It also has to guarantee low latency and **high data rate** switching for real ...
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The Future Generations of Mobile Communications Based on Broadband Access Technologies - group of 7 »

R Prasad - IEEE Communications Magazine, 2000 - [ieeexplore.ieee.org](#)
... Base station Switch Cellular HAPS **HDR** access System handover System handover ... A concept of a **high-data-rate** wireless access network using HAPS is shown in Fig. ...
[Web Search](#)

Power Control, Transmission **Rate** Control and Scheduling in Cellular Radio Systems - group of 2 »

F Berggren - Lic. Tech. dissertation, KTH, Sweden, 2001 - [s3.kth.se](#)
... The result will be very **high** interference and lower ... case of it, since setting the **data rate** and power to ... class, often re-ferred to as **packet data**, offer more ...
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[book] Wireless Technology - group of 2 »

MD Yacoub - 2001 - [books.google.com](#)
... depicts three **data** technologies ap-plied to wireless networks, namely, General **Packet** Radio Service (GPRS), TIA/EIA/IS-95B, and **High Data Rate** (HDR). ...
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[book] Introduction to 3G mobile communications

J Korhonen - 2001 - [books.google.com](#)
... 57 3. 1 .6 **Rate** Matching 57 ... 12. 1 .6 Service Categories 354 12.2 **High-Speed** Downlink **Packet** Access 355 12.3 Multimedia Broadcast/Multicast Service 358 ...
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HAMAC: An Adaptive Channel Access Protocol for Multimedia Wireless Networks - group of 3 »

L Wang, M Hamdi - Computer Communications and Networks, 1998. Proceedings. 7th ..., 1998 - [doi.ieeeecs.org](#)
... is fixed or controlled according to the current collision **rate**. ... frame there is always a **high** chance to ... DRMA protocol before the voice **data packet** is transmitted ...
[Cited by 1](#) - [Web Search](#)

Networking Protocols for Wireless Multimedia Streaming

Il Plan - 2000 - [eecs.berkeley.edu](#)
... In this case, bandwidth overhead is almost as **high** as that ... pixels, bit **rate** of 10 kbitss and frame **rate** of 10 ... is used as a basis for wireless **packet** simulation ...

[View as HTML](#) - [Web Search](#)

Visions of 4G - group of 3 »

BG Evans, K Baughan - ELECTRONICS AND COMMUNICATION ENGINEERING JOURNAL, 2000 - [ieeexplore.ieee.org](#)
... low bit **rate data** that could GI into ii sleccli channcl (eg 94lthit/s ... iniloor wirclcss
corninuiiicatioiis, standards such as Hll'IM,AN 2 (**High** l'criormance ...
[Cited by 54](#) - [Web Search](#) - [BL Direct](#)

WIRELESS INSTANT VOICE MESSAGING USING THE INTERNET - group of 2 »

CA RIVERA-CINTRON - 2000 - [research.uwf.edu](#)
... provided by a **high** power controller), which makes it capable of ... Robust, reliable
TCP oriented transport protocol, over a **packet** based ... Low bit **rate** (small voice ...
[View as HTML](#) - [Web Search](#)

A 3G Convergence Strategy for Mobile Business Middleware Solutions - group of 4 »

F Hacklin - 2001 - [d.kth.se](#)
... Temat tradlos **data**- synkronisering diskuterar som ett exempel for provisorisk
middleware. ... 2.3 General **Packet** Radio Service 2.6.5 **High** Performance Radio
[Cited by 1](#) - [View as HTML](#) - [Web Search](#)

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L Baldauf - 2001 - [finpro.fi](#)
... Basic voice and **data** services ... Since Nokia's recovery (from 1992 onwards), the
value-added in ICT manufactur- ing has grown at the average annual **rate** of 35 ...
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